

Converting Colors

YIQ(87.3600, 98.3330, 73.6690)

Have a look what the booklet for
YIQ(87.3600, 98.3330, 73.6690)
contains.

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Color

**YIQ(87.3600, 98.3330,
73.6690)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E30D68 |
| RGB | 227, 13, 104 |
| RGB Percent | 89%, 5%, 41% |
| CMY | 0.1092, 0.9492, 0.5918 |
| CMYK | 0.00, 0.94, 0.54, 0.11 |
| HSL | 334°, 89%, 47% |
| HSV | 334°, 94%, 89% |
| XYZ | 34.3697, 17.6411, 14.7120 |
| YIQ | 87.3600, 98.3330, 73.6690 |

Conversions

Conversions Part 2

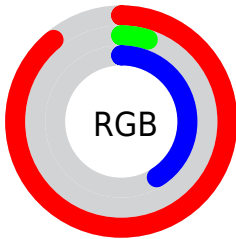
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 227, 13, 104 |
| Decimal | 14880104 |
| CIE _{Lab} | 49.06, 75.80, 9.54 |
| CIE _{LCh} | 49, 76.394, 7.174 |
| Yxy | 17.6411, 0.5151, 0.2644 |
| Android (android.graphics.Color) | 4293070184 (0xFFE30D68) |
| YUV | 87.3600, 8.2035, 122.4643 |
| Hunter-Lab | 42.0013, 72.5646, 8.6331 |

Details

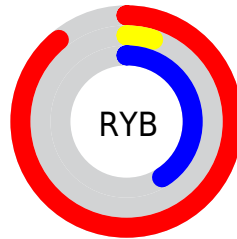
The YIQ color **87.3600, 98.3330, 73.6690** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **152.6400, -98.3330, -73.6690**, and the grayscale version is **87.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **150.2670, 75.8250, 52.0570**, and **55.6480, 79.1260, 52.8060** is the 20% darker color. If you saturate the color by 10%, you get **78.9310, 104.1550, 78.2910**, and if you desaturate by 10%, it is **102.3430, 87.8350, 65.6830**.

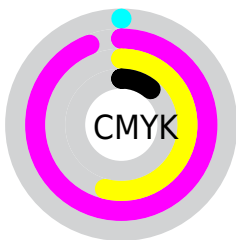
Distribution



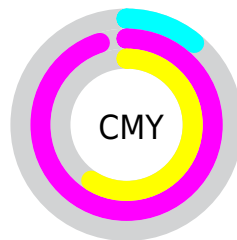
- Red (89%)
- Green (5%)
- Blue (41%)



- Red (89%)
- Yellow (5%)
- Blue (41%)



- Cyan (0%)
- Magenta (94%)
- Yellow (54%)
- Black (11%)





- Cyan (11%)
- Magenta (95%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 87.3600, 98.3330, 73.6690 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 87.3600, 98.3330, 73.6690 by changing the saturation by 10% instead.


 87.3600, 98.3330,
73.6690


 87.3600, 98.3330,
73.6690


255.0000, -0.0000,
-0.0000


 67.7240, 91.1360,
66.4320


 150.2670, 75.8250,
52.0570


 55.6480, 79.1260,
52.8060


 170.9550, 58.9080,
44.7640


 44.2840, 67.9870,
39.9150


 191.6430, 41.9910,
37.4710

 32.6210, 56.2520,
26.8120

 212.4450, 24.7530,
30.4890

 22.5820, 42.8200,
16.9320

 232.1070, 10.7250,
20.3970

 12.3730, 24.1150,
9.0030

 249.7170, 2.4750,

 0.0000, 0.0000,

4.7070

0.0000

■ 87.3600, 98.3330,
73.6690

■ 87.3600, 98.3330,
73.6690

■ 78.9310, 104.1550,
78.2910

■ 102.3430, 87.8350,
65.6830

■ 116.7390, 77.6120,
58.2200

■ 131.7220, 67.1140,
50.2340

■ 146.7050, 56.6160,
42.2480

■ 161.6880, 46.1180,
34.2620

■ 176.0840, 35.8950,
26.7990

■ 191.0670, 25.3970,
18.8130

■ 206.0500, 14.8990,
10.8270

■ 220.5600, 4.3550,
3.6750

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



107.4380, 54.1350, 70.7030



87.3600, 98.3330, 73.6690



102.1300, 100.1750, 29.2550

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3600, 98.3330, 73.6690



94.8040, -4.6660, -58.6340



107.4370, -113.7520, 2.0560

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.3600, 98.3330, 73.6690



152.6400, -98.3330, -73.6690

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



106.0570, -101.5990, -14.4550



87.3600, 98.3330, 73.6690



89.8350, -58.6770, -54.4610

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3600, 98.3330, 73.6690



108.1250, 43.5630, -35.1010



99.4620, -81.6510, -34.5710



98.5980, -112.2870, 14.0570

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3600, 98.3330, 73.6690



107.0260, 93.3950, -2.0690



99.4620, -81.6510, -34.5710



107.9440, -111.0460, -2.9340

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.3600, 98.3330, 73.6690



208.6490, 32.6860, 24.3820



73.5750, 3.4220, 92.2060



99.3220, 20.1250, 15.2370



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3600, 98.3330, 73.6690



88.5570, 117.3120, 87.6480



85.2040, 123.6940, 38.0460



107.1580, 5.5470, 4.0990



62.1850, 82.2880, 61.5840



17.7570, 23.3340, 17.6540

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.3600, 98.3330, 73.6690



88.5570, 117.3120, 87.6480



154.7960, -123.6940, -38.0460



107.1580, 5.5470, 4.0990



62.1850, 82.2880, 61.5840



17.7570, 23.3340, 17.6540

Previews

White Background



This preview shows how the YIQ color 87.3600, 98.3330, 73.6690 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 87.3600, 98.3330, 73.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 87.3600, 98.3330, 73.6690

Background



This preview shows how black text looks on a background with the YIQ color 87.3600, 98.3330, 73.6690.



This preview shows how white text looks on a background with the YIQ color 87.3600, 98.3330,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

87.3600, 98.3330, 73.6690

Protanopia

118.3700, -15.3610, 8.5670

Deuteranopia

118.1240, 20.0820, -0.5100



Tritanopia

97.3040, 108.7930, 38.2730

Trichromacy



Original Color

87.3600, 98.3330, 73.6690

Protanomaly

106.9830, 26.1740, 32.2700

Deuteranomaly

107.2010, 48.6870, 26.2470

Tritanomaly

93.7680, 105.0310, 51.3910

Monochromacy



Original Color

87.3600, 98.3330, 73.6690

Achromatopsia

87.0000, -0.0000, -0.0000

Achromatomaly

87.0840, 35.8950, 26.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 87.3600, 98.3330, 73.6690 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(227, 13, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 13, 104)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(227, 13, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 13, 104) }
```

Border

The CSS property to change the border of an element to YIQ 87.3600, 98.3330, 73.6690 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 13, 104) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(227, 13, 104) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(227, 13, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 13, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 13, 104);  
box-shadow:4px 4px 4px 4px rgb(227, 13,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 87.3600, 98.3330, 73.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 13, 104) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(227, 13,  
104) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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